

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT APPLICATION

5 Entitled : A CASING, A COMPRESSOR, A TURBINE, AND A
 COMBUSTION TURBINE ENGINE INCLUDING SUCH A
 CASING

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15 ABSTRACT OF THE DISCLOSURE

 The casing of the invention is of the type
supporting series of stationary blades having disposed
between them series of blades that are movable in
20 rotation about a longitudinal axis. In characteristic
manner, said casing comprises a main element and, at
least facing one of the series of moving blades, an
assembly comprising a plate made of a honeycomb material
and a covering disposed on the face of the plate facing
25 away from the blades so that said cells are open towards
the blades, said covering being provided with holes that
open out into cells of the plate, thereby forming open
cells, said covering closing other cells of the plate,
thereby forming closed cells, a cavity being formed
30 between said plate and the inside face of said main
element. Preferably, the casing forms the casing of an
axial compressor operating at low pressure in a turbojet
engine.

35 Figure 2